



DOCKET NO.: ISIS-4847

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Muthiah Manoharan

Serial No.: 09/965,551

Group Art Unit: 1635

Filed: September 27, 2001

Examiner: Schultz, James

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For: CARBOHYDRATE OR 2'-MODIFIED OLIGONUCLEOTIDES
HAVING ALTERNATING INTERNUCLEOSIDE LINKAGES

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SEP 09 2002

Assistant Commissioner for Patents
Washington, D.C. 20231

TECH CENTER 1600/2900

Case
Entered
2-12-03
BJS
Dear Sir:

AMENDMENT AND REQUEST FOR RECONSIDERATION

This is in response to the Office Action mailed June 5, 2002 in connection with the above-identified patent application. Applicants respectfully request reconsideration based on the following amendments and remarks.

In the Claims:

Please amend claims 28-30 as follows:

28. (amended twice) A method of treating an organism having a disease characterized by the undesired production of a protein, said method comprising contacting said organism with a compound of formula:

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